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PTO/SB/21 (04-04)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

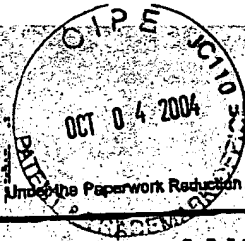
TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/644,598
	Filing Date	August 20, 2003
	First Named Inventor	Anh H. Nguyen, et al.
	Art Unit	3753
	Examiner Name	Unknowns
Total Number of Pages in This Submission	Attorney Docket Number	AMAT/7874/CPI/ALD/PJS

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks 1. Petition to Revive Unintentionally Abandoned Application. 2. Petition For Revival Of An Application For Patent Abandoned Unintentionally Under 37 CFR 1.137(b) [PTO/SB/64] 3. Executed Combined Declaration and Power of Attorney		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	Peter L. Brewer, Registration No. 41,636 Moser, Patterson & Sheridan, L.L.P.	
Signature		
Date	September 29, 2004	

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Peter L. Brewer		
Signature		Date	September 29, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/17 (10-03)
Approved for use through 07/31/2005. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003, Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 2,608

Complete if Known

Application Number 10/644,588
Filing Date August 20, 2003
First Named Inventor Anh H. Nguyen, et al.
Examiner Name Unknown
Art Unit 3753
Attorney Docket No. AMAT7674/CP/ALD/PJS

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money ☐ Other ☐ None
Order

☐ Deposit Account:

Deposit
Account
Number

50-1074/7874/CP/ALD/PJS

Deposit
Account
Name

Applied Materials, Inc.

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments
☐ Charge any additional fee(s) or any underpayment of fee(s)
☐ Charge fee(s) indicated below, except for the filing fee
to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	770
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	180	2005	80	Provisional filing fee	

SUBTOTAL (1)

(\$ 770)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
41	21	18	378
Independent Claims	3	0	0
Multiple Dependent			0

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	88	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	88	2204	43	-- Release independent claims over original patent
1205	18	2205	9	-- Release claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$ 378)

*or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	130
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	2053	65	Non-English specification	
1812	2,520	2812	1,260	For filing a request for reexamination	
1804	920*	2804	460*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	2805	920*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	2451	755	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	1,330
1501	1,330	2501	665	Utility issue fee (or release)	
1502	480	2502	240	Design issue fee	
1503	840	2503	420	Plant issue fee	
1480	130	2480	65	Petitions to the Commissioner	
1807	60	2807	30	Processing fee under 37 CFR 1.17 (c)	
1808	180	2808	90	Submission of Information Disclosure Stmt	
8021	40	2821	20	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.128(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.128(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	2802	450	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

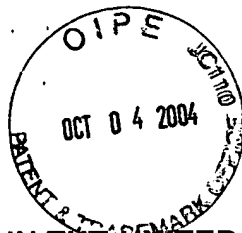
(\$ 1,480)

SUBMITTED BY

Name (Print/Type) Robert W. Mulvey
Signature
Registration No. 25,438
Telephone (713) 623-4844
Date (713) 623-4848

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Anh H. Nguyen, *et al.*

Serial No.: 10/644,598

Confirmation No.: 5564

Filed: August 20, 2003

For: Electronically Actuated Valve

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§
§

Group Art Unit: 3753

Examiner: Unknown

MAIL STOP MISSING PARTS
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING 37 CFR 1.8	
I hereby certify that this correspondence is being deposited on September 29, 2004 with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.	
9/29/04 Date	 Signature

Dear Sir:

RESPONSE TO NOTICE TO FILE MISSING PARTS

Applicant files this Response to Notice to File Missing Parts (Form PTO-1533), issued by the Patent Office on September 17, 2003. The Office set a two month period for response, which expired on November 17, 2003. The Notice (copy enclosed) indicates that the application was filed without the filing fee and the oath or declaration.

Enclosed for filing in the above-referenced application is the Combined Declaration and Power of Attorney in response to the missing parts request.

Along with this filing, Applicant (Applied Materials, Inc.) is submitting a Petition to Revive Unintentionally Abandoned Application. A separate PTO Form 64 signed by Attorney Robert W. Mulcahy of the Applied Materials Patent Department is also being filed.

The Commissioner is hereby authorized to charge a total of \$2,608.00 as payment of the Petition to Revive and statutory basic filing fee and surcharge associated with this Response, or credit any overpayment. The charge is authorized to the deposit account number of the Applicant, Applied Materials, Inc.

Respectfully submitted,



B. Todd Patterson
Registration No. 37,906
Peter L. Brewer
Registration No. 41,636
MOSER, PATTERSON & SHERIDAN, L.L.P.
3040 Post Oak Blvd. Suite 1500
Houston, TX 77056
Telephone: (713) 623-4844
Facsimile: (713) 623-4846

Attorneys for Applicant, Applied Materials, Inc.


 UNITED STATES PATENT AND TRADEMARK OFFICE

 UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER OF PATENTS AND TRADEMARKS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/644,598	08/20/2003	Anh H. Nguyen	AMAT/7874/CPI/ALD/PJS

CONFIRMATION NO. 5564

 PATENT COUNSEL
 APPLIED MATERIALS, INC.
 Legal Affairs Department
 P.O. Box 450A
 Santa Clara, CA 95052

FORMALITIES LETTER



OC000000010891164

Date Mailed: 09/17/2003

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 750 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

Items Required To Avoid Processing Delays:

The item(s) indicated below are also required and should be submitted with any reply to this notice to avoid further processing delays.

- Additional claim fees of **\$378** as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

SUMMARY OF FEES DUE:Total additional fee(s) required for this application is **\$1258** for a Large Entity

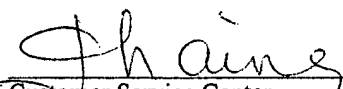
10/06/2004 JBALINAN 00000161 501074 10644598

01 FC:1001	770.00 DA
02 FC:1202	378.00 DA
03 FC:1051	130.00 DA

- \$750 Statutory basic filing fee.
- \$130 Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is \$378
 - \$378 for 21 total claims over 20 .

Replies should be mailed to: Mail Stop Missing Parts
 Commissioner for Patents
 P.O. Box 1450
 Alexandria VA 22313-1450

A copy of this notice MUST be returned with the reply.



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE